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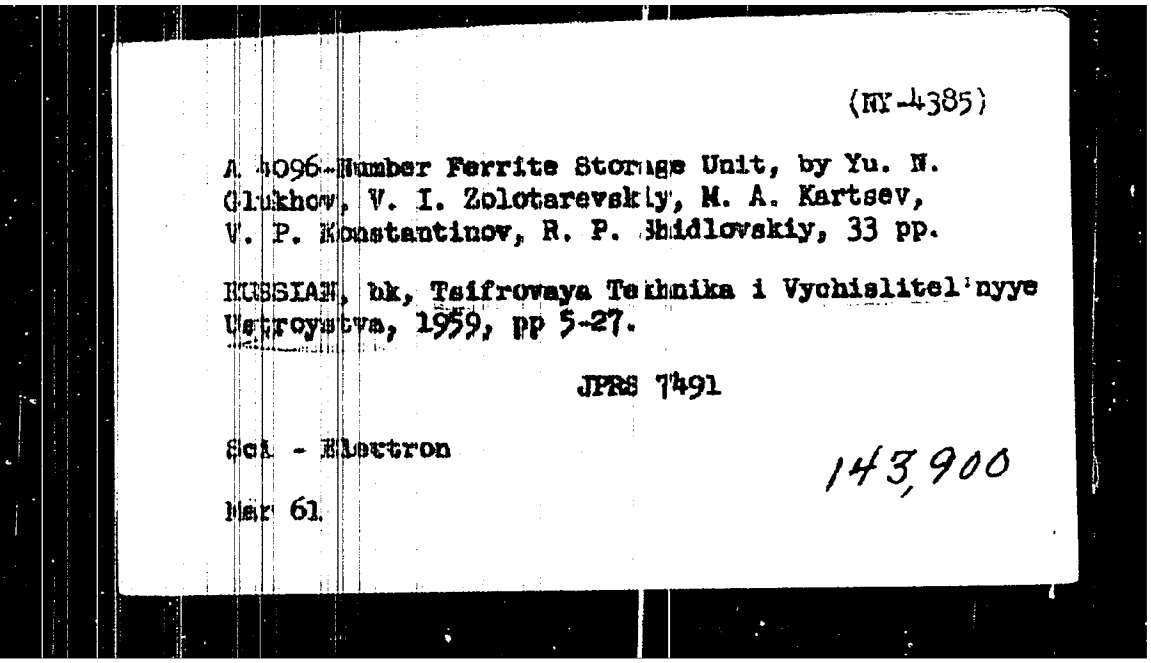

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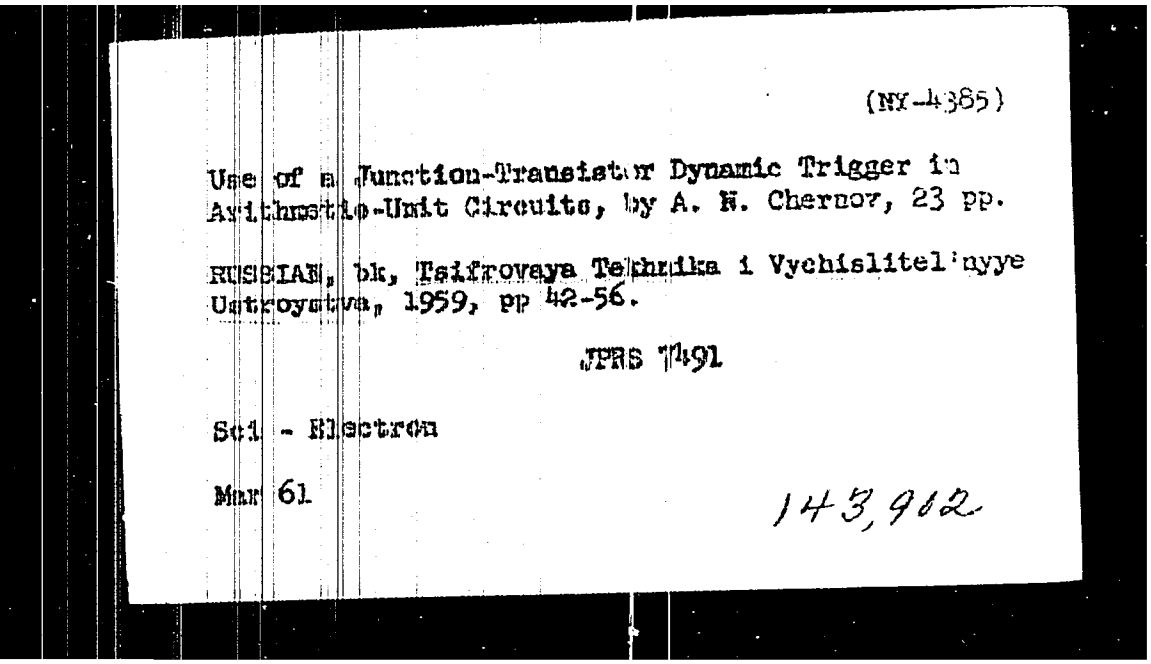

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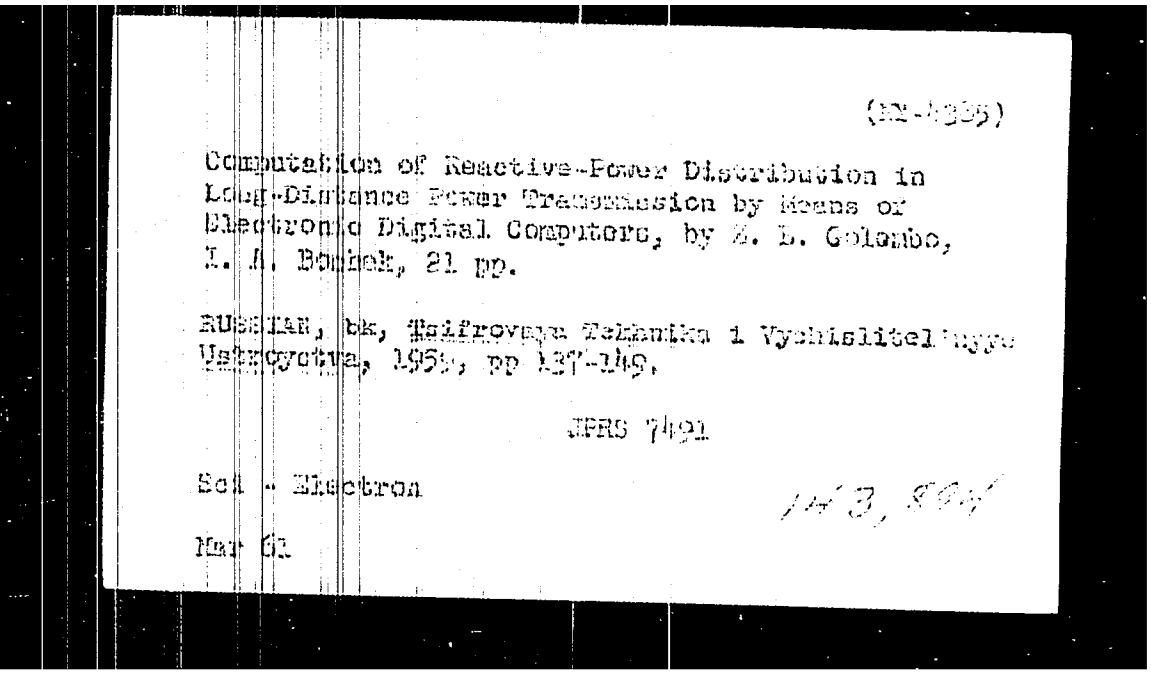

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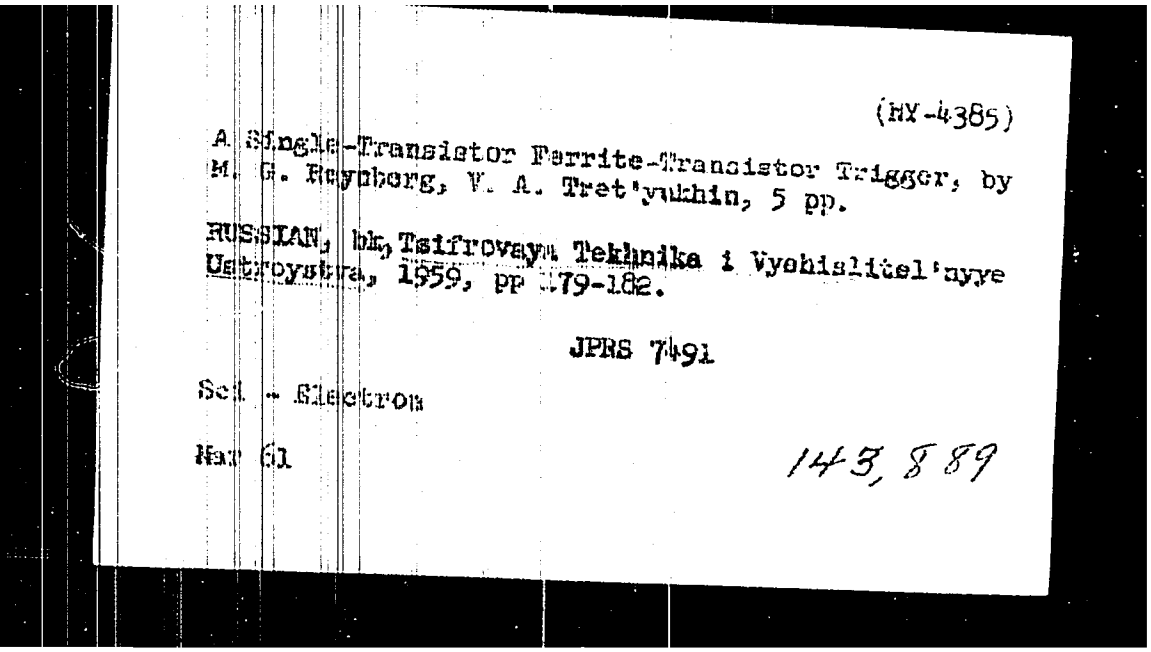

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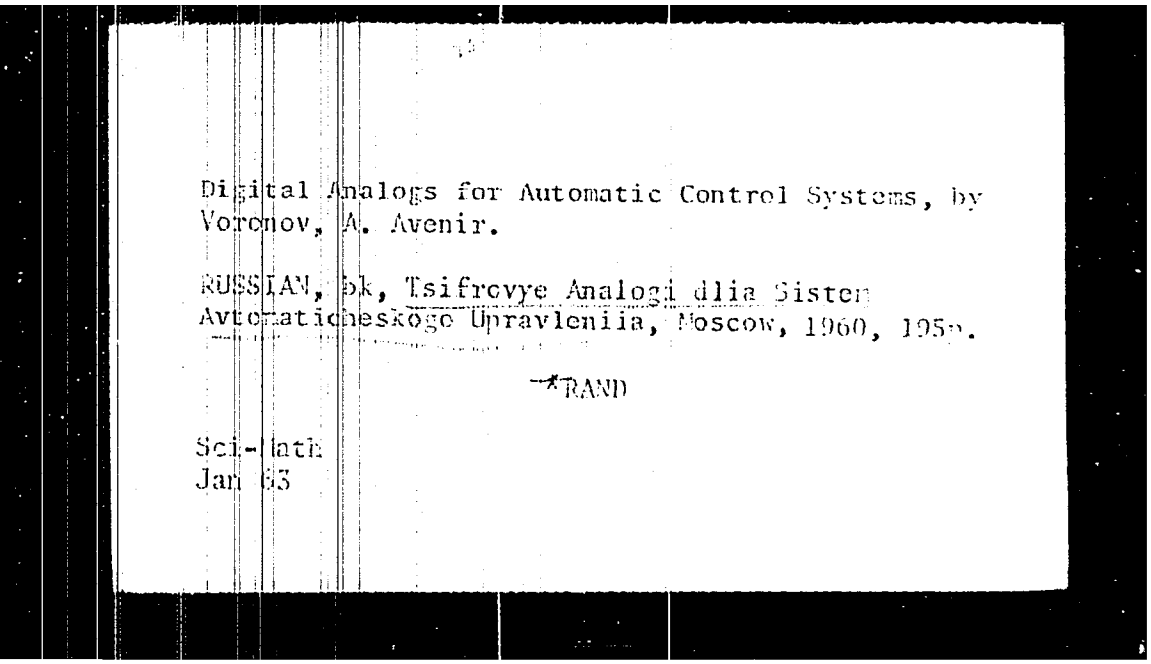

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Trans. of mono. [Tsifrovye Integriruyushchie Mashiny, Moscow, 1962, 408p].

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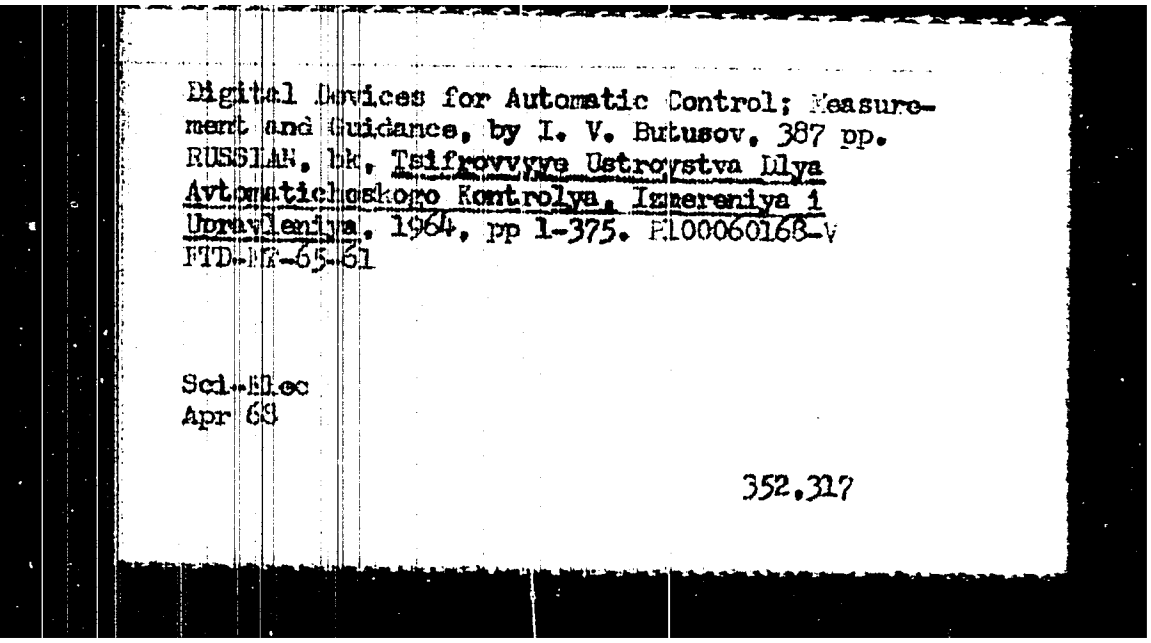

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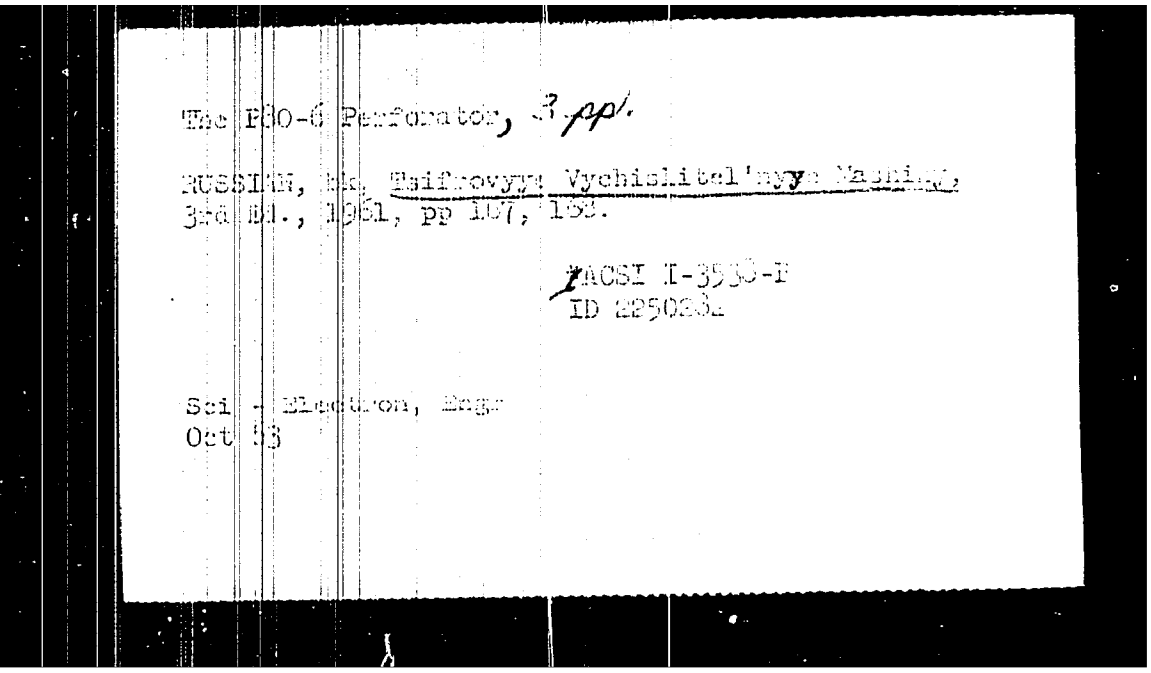

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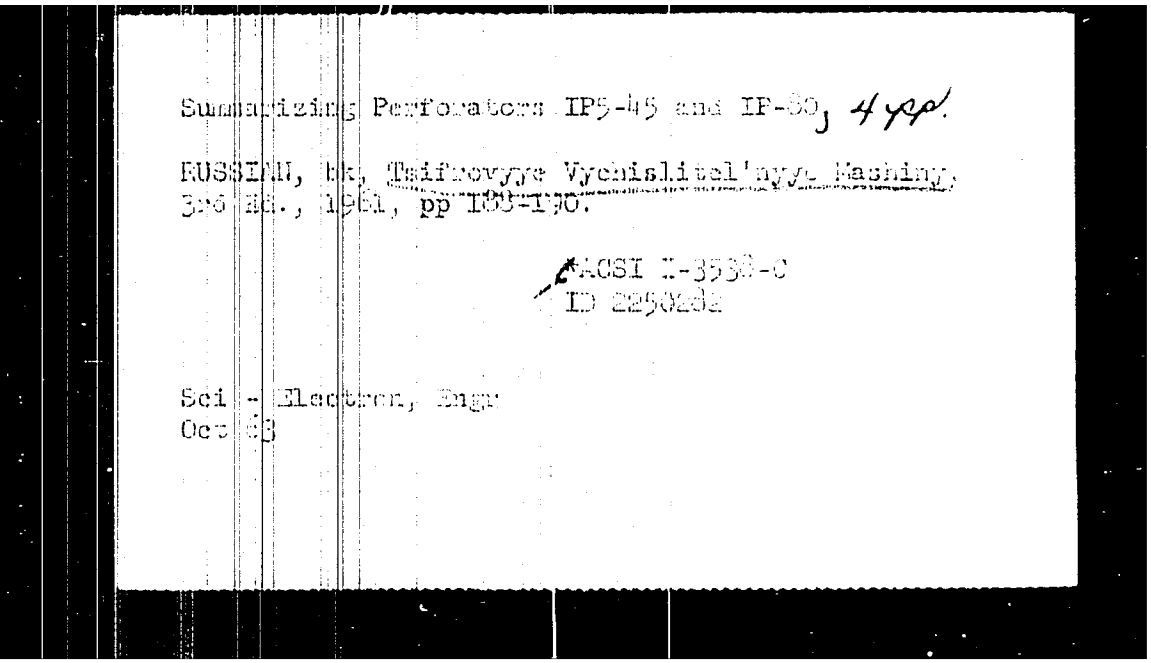

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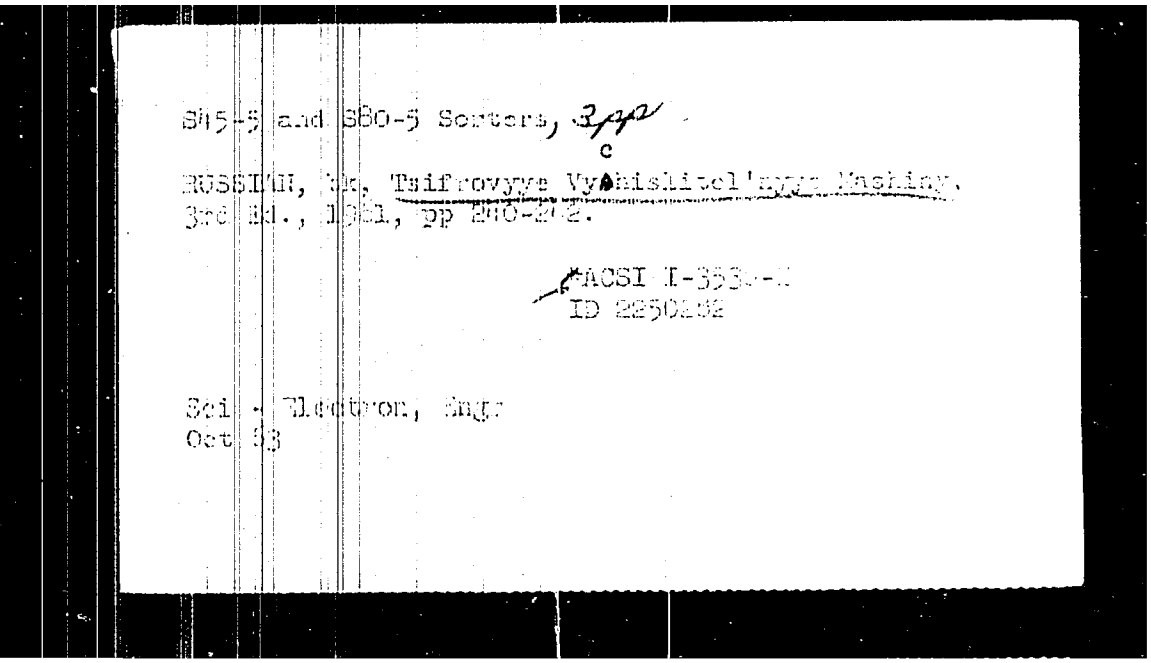

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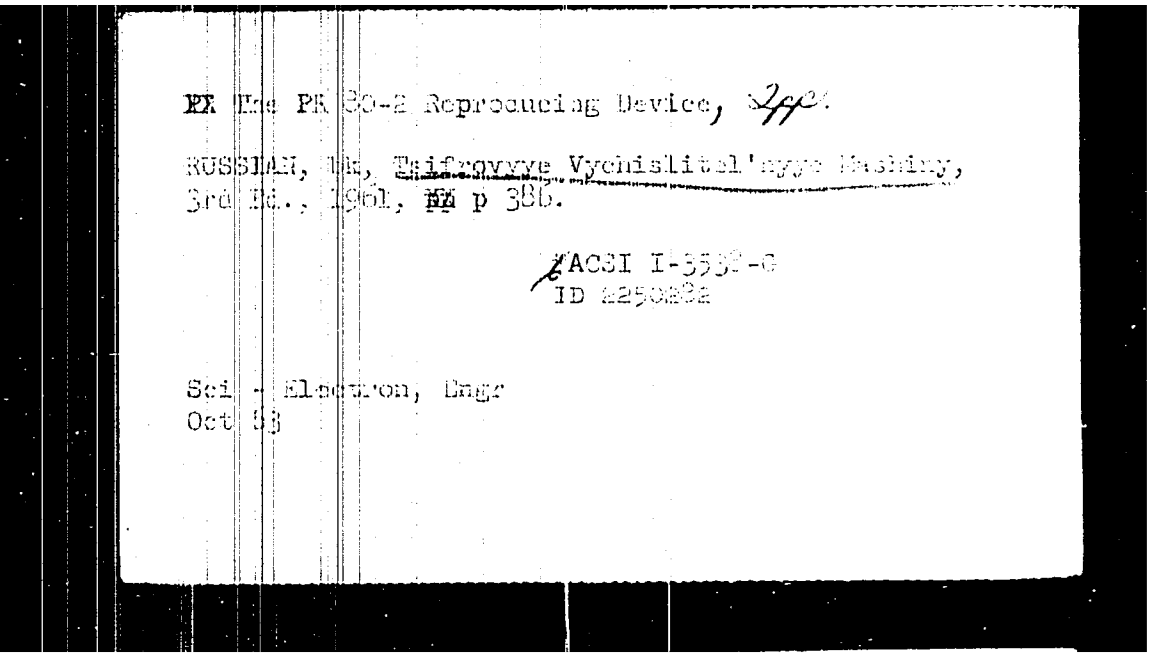

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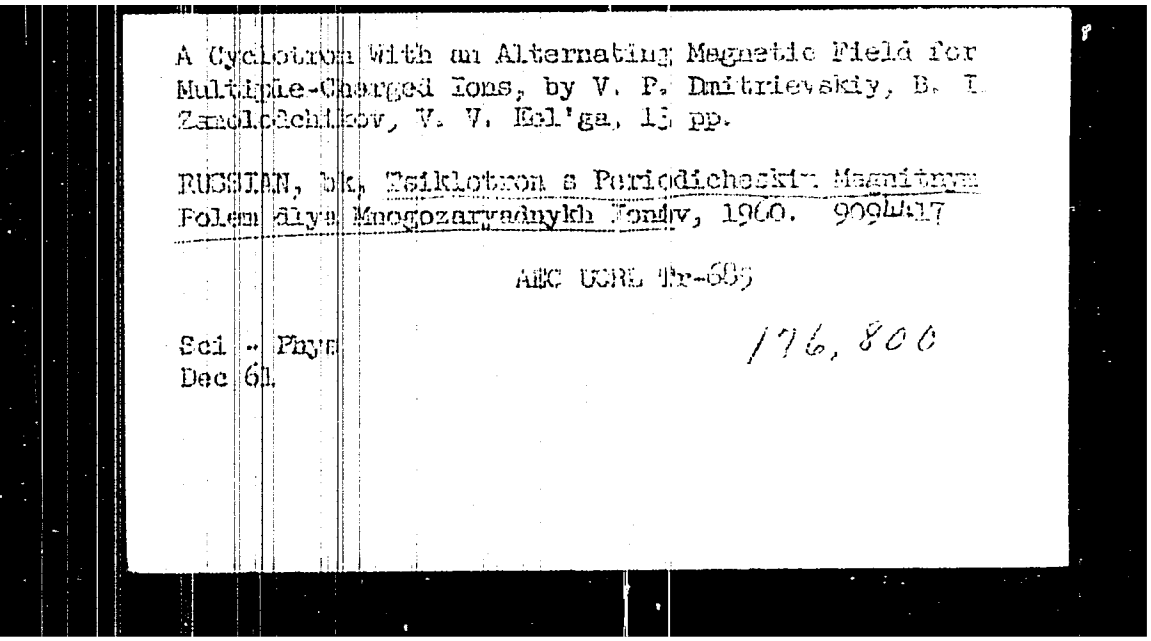

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*AEC

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TRI-62-28

Cyclotron and Thermal Radiations of Plasma in Ogra,
by A. E. Bazhanova, V. T. Karpukhin, etal.

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*JPRS for AEC

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Oct 61

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Concerning Microstructure of the Lunar Surface,
by N. P. Barabashov, V. I. Garazha.
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Post-Buckling Behavior of Cylindrical Shells,
Part I. Axial Compression, by A. V. Pogorelov
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Post-Buckling Behavior of Cylindrical Shells, Part II. External Pressure, by A. V. Pogorelov. RUSSIAN, bk, Tsilindricheskiye Obolochki pri Zakriticheskikh Deformatsiyakh, 1962. 9220890-V
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II VNeshNeyE davleNiye

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Sci - Phys, Engr
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Cylindrical Shells During Supercritical Deformations, by A. V. Pogorelov,
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S-419/63

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*JPRS/NY-7604

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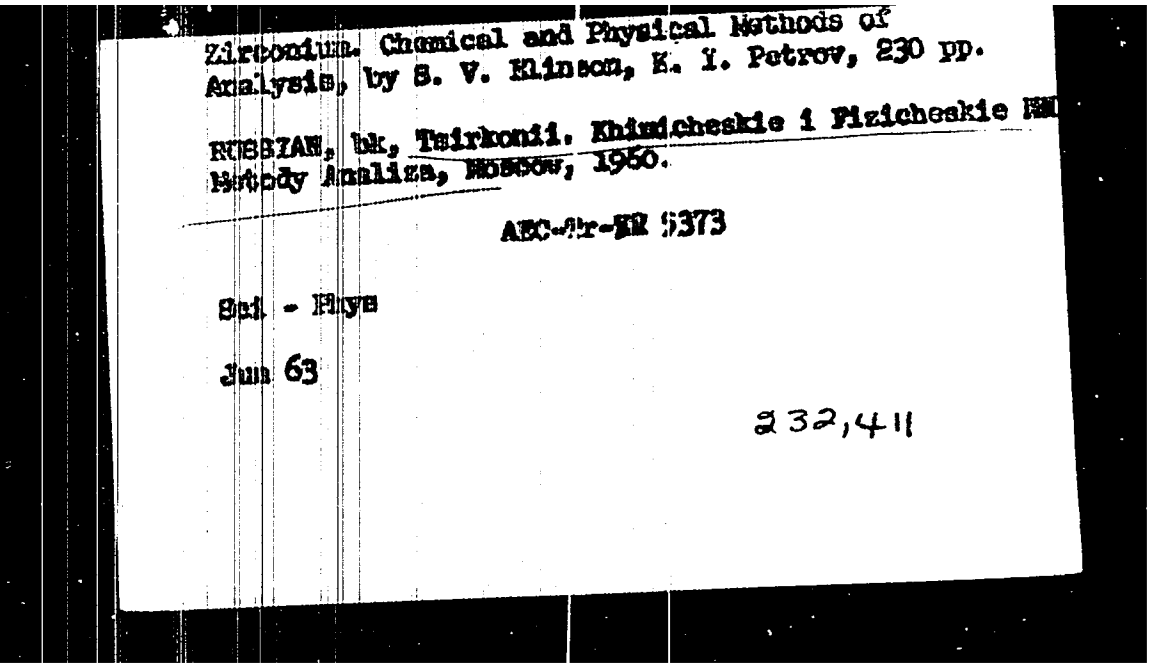

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AEC-tr-IR 5373

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AEC-Tr-5373

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Structure of the Lunar Surface, by N. P. Barabashov, 7 pp.
RUSSIAN, per, Tashkentskaya Astronomicheskoy Observatorii, No 26, 1963, pp 14-19.
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JPRS 28886

Sci-Earth Sciences & Astron
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

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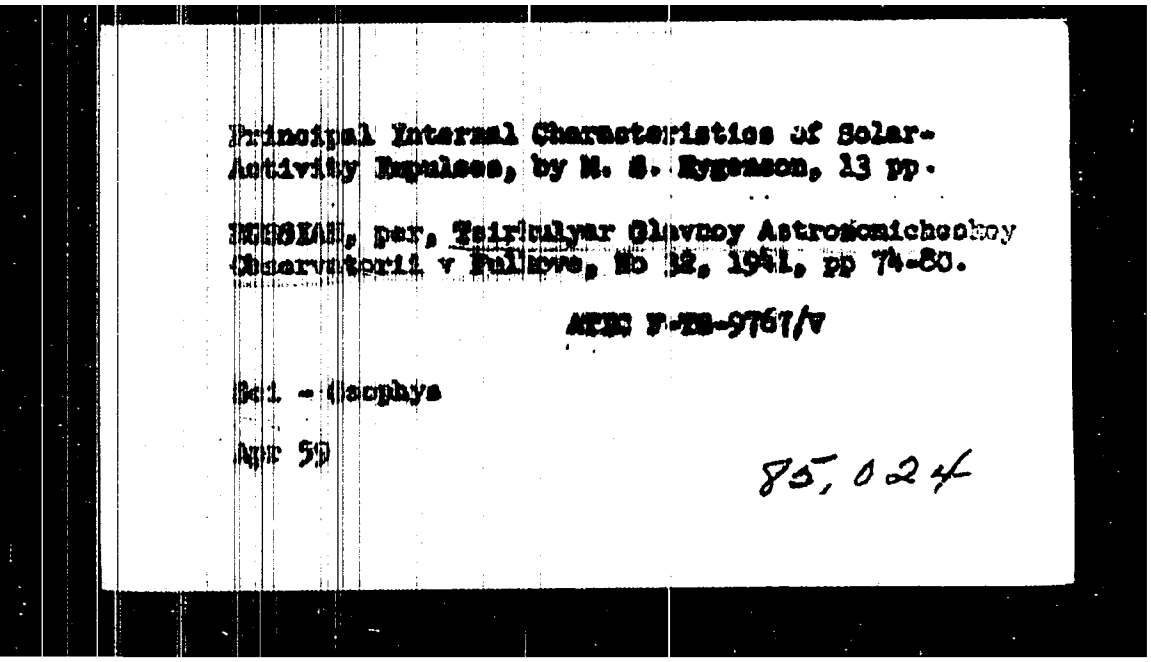

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AMS: F-TS-9767/V

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Intensity of the Impulse of Solar Activity and the Number of Arctic Bbursts, by M. S. Eygenson, B. M. Imbashev, 11 pp.

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Ezerskii, V. I.
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[116]p. 56 refs.
Order from OTS or SLA $9.60 62-10159

Trans. of Kharkov U. Astronomicheskaya Observatoriya. Tsirkulyar (USSR) 1957, v. 12, p. 73-165. Another trans. is available from OTS $9.60 as AD-264 160, STL-TR-61-5110-40, July 61, 109p.

DESCRIPTORS: Planets, *Venus, *Brightness, Measurement, Microphotometers, *Planetary atmospheres, Photographic analysis, Physical properties, Spectrographic data, Tables.

Data on the distribution of brightness on the disk of Venus were obtained for the interval of phase angle $\alpha = 26.0^{\circ}$ to 136.7° and in four spectral regions. The observations were conducted between 1951 and 1954. (Astronomy--Astrophysics, TT, v. 7, no. 9) (over)

62-10159

I. Ezerskii, V. I.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

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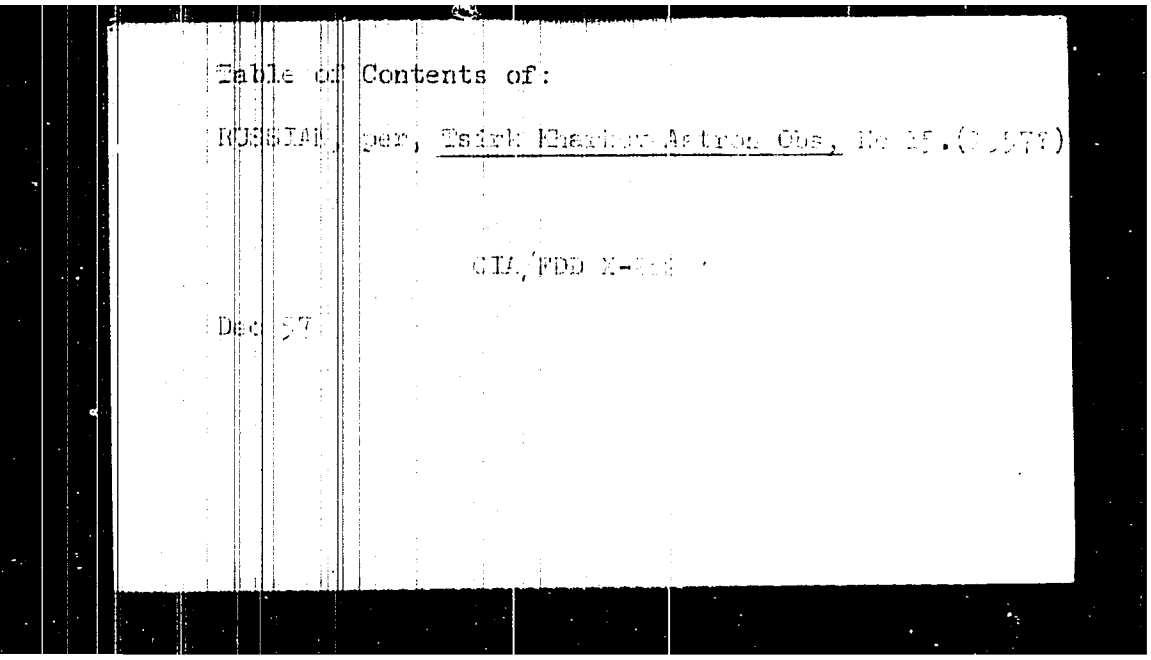

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Movement of KHGINIP (Kharkov State Institute of Measures and Measuring Instruments) Quartz Clocks and the Irregularity of Earth's Rotation During 1951-1957 by V. I. Turenko, 12 pp.

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FTD-TT-63-542

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Cytoembryology of the Principal Cereals, by Ya. S. Modilevskiy, P. F. Oksiyuk, M. I. Khudyak, L. K. Dzyubenko, R. A. Bellis-Vyrovaya.

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The Cyto-embryology of the Higher Plants--
Present State and Problems, by Ya. S.
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1963, pp 372.
NLL RTS 31501 (On Laon)

Aug 65 287,189

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

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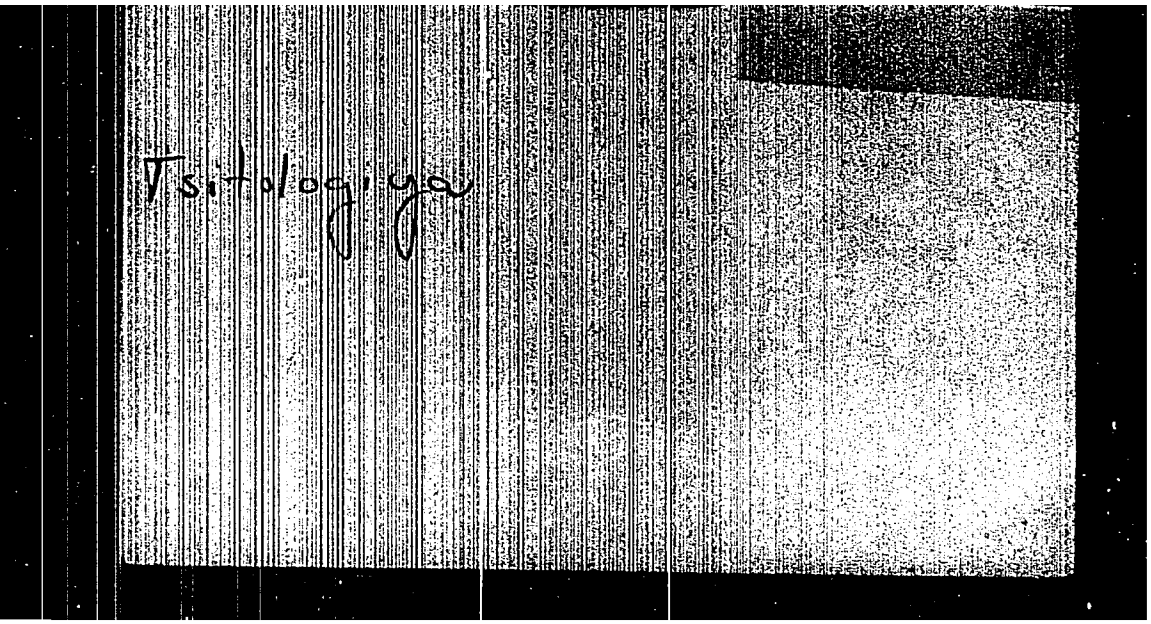

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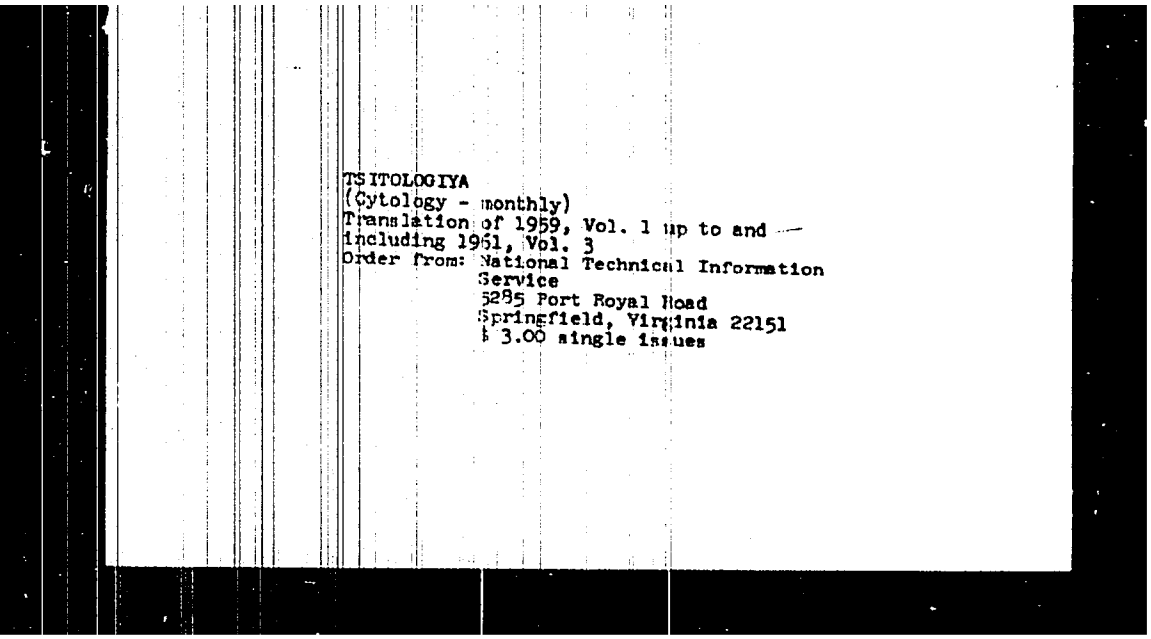

TSITOLOGIYA
(Cytology - monthly)
Translation of 1959, Vol. 1 up to and
including 1961, Vol. 3
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TSITOLOGIYA Vol 1, 1959 COVER TO COVER

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No 4	JPRS 2287
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No 6	JPRS 3628

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No1	JPRS 2914
No 2	JPRS 5498
No 3	JPRS 7666
No 4	JPRS 7680
No 5	JPRS 7884
No 6	JPRS 6742

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No 1	JPRS 9339
No 2	JPRS 11,405
No 3	JPRS 12,323
No 4	JPRS 12,195
No 5	JPRS 12,752
No 6	JPRS 13,677

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Some Features of the Development of
General Narcosis in Diplostomum Ambiburum,
by L. N. Seravin, 14p.
RUSSIAN, per, Zoitologiya, Vol 4, No 1,
1962, pp 52-58.
OTS TT-64-19974

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A Simple Method of Ultra-Violet Microradiation of Organelles of Living Cells, by A. P. Dubrov, RUSSIAN, per, Tsitologiya, Vol IV, No 1, 1962, pp 88-90.
MIL RTS 2767 (On Loan or Purchase)

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

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Protozoan Cytology at the First International Conference on Protozoology in Prague, by E. M. Khainin.

RUSSIAN, per, Tsitologiya, Vol IV, No 1, 1962, pp 93-98.

NIL RUS 2236 (Eaton)

Sci - Biol & Med Sci
Feb 64

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Karyotypes of Argasid Ticks of USSR Fauna in Connection With Their Taxonomy, by Yu. L. Shcherbachenko, 15 pp.
RUSSIAN, par, Taksonomiya, Vol 4, No 2, 1962, pp 137-149.
CFSTI TT-66-60974

324,350

Sel - Biol & Med
Apr 67

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Gruzova, M. N.
THE FORMATION OF THE KARYOSPHERE IN THE OOGENESIS OF PANORPA. [1962] [48]p. 23 refs.
FASEB manuscript no. S 225-2.
Order from: OTS or SLA $4.60 63-19807
Figs. available on loan from OTS

Trans. of Tsitologiya (USSR) 1962, v. 4, no. 2, p. 150-159.

DESCRIPTORS: *Mitosis, Cells (Biology), *Chromosomes, Morphology, Ribonucleic acids, *Insects.

The behavior of the nuclear structures in the oogenesis of two species of Panorpa was observed, beginning with the stage of prophase of miosis up to anaphase of the first reduction division. The chromosomes begin to be collected in a karyosphere shortly after the
(Biological Sciences--Physiology, TT, v. 10, no. 5)
(over)

63-19807

1. Title: Karyosphere
2. Title: Panorpa
I. Gruzova, M. N.
II. FASEB S-225-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

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On the Distribution of Succinic Dehydrogenase in Eimeria Intestinalis' Life Cycle, by T. V. Beier.

RUSSIAN, pub, Tsitologiya, Vol IV, No 2, 1962, pp 232-237.

M.I. NIS 2096 (Abstr)

Sci. Chem
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Contribution to the Characteristics of Tumors of Connective Tissue and Muscular Origin, Caused by Intramuscular Injection of 20 Methyl Cholanthrene. I. Cytological Characteristics of Tumors in Mice and Rats, by V. M. Bresler
RUSSIAN, per, Tsitologiia, Vol 4, No 3, 1962, pp 264-275.
HEW NIH
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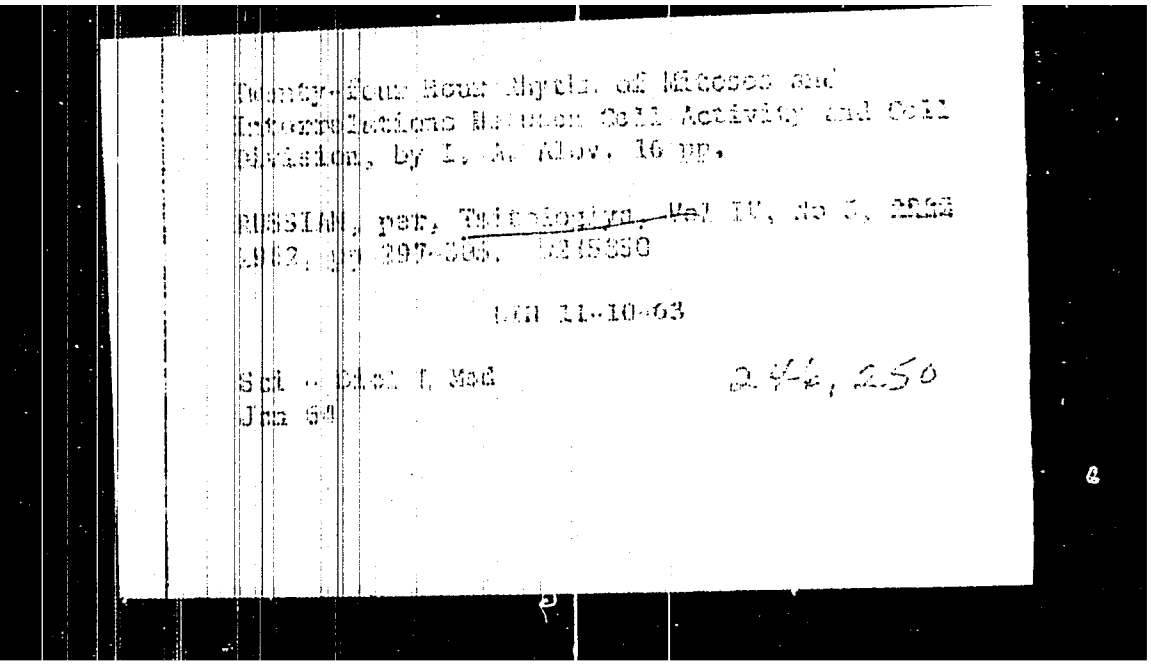

Twenty-Four Hour Rhythm of Mitoses and Interrelations Between Cell Activity and Cell Division, by I. A. Alov. 16 pp.

RUSSIAN, per, Tsitologiya, Vol IV, No 3, 1962, pp 297-305. 3215350

LCH 21-10-63

Sci - Biol & Med

Jan 64

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Frisman, E. V., Yanovskaya, N. K. and others.
FLOW BIREFRINGENCE OF MACROMOLECULAR RNA SOLUTIONS. [1962] [7]p. 11 refs. FASEB manuscript no. S 127-2.
Order from CTS or SLA $1.10 63-15994
Figs. available on loan from OTS

Trans. of Biologiya (USSR) 1962, v. 4, no. 3, p. 323-325.

DESCRIPTORS: Fluid flow, *Molecular structure, *Ribonucleic acids, *Refraction, *Polymers, Biophysics.

The preliminary results of the study of the flow birefringence of macromolecular RNA (ribonucleic acid) solutions are described. The RNA was isolated from a transplantable mucous carcinoma of the liver. An optical apparatus with a half-shaded condenser was used for studying the flow birefringence of the RNA solutions. (Biological Sciences--Biochemistry, TT, v. 10, no. 6)
(over)

63-15994

1. Title: Birefringence
2. Title: Macromolecules
I. Frisman, E. V.
II. Yanovskaya, N. K.
III. FASEB S-127-2
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

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The Karyosphere in the Oogenesis of Blaps
Lethifera (Coleoptera) (Darkling Beetle),
by M. N. Gruzova, 14 pp.
RUSSIAN, per, Tsitologiia, Vol 4, 1962,
pp 325-330. PB1120167
AEC (NNL) Tr-1697

336,987

Sci - Biol & Med
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Kamnev, I. R. and Gordeeva, L. F.
EXCITATION OF EPITHELIAL CELLS AND TISSUES, [1962] [12]p. 12 refs. FASEB manuscript no. S128-2. Order from OTS or $1.A $1.60 63-15995
Figs. available on loan from OTS

Trans. of Tsitologiya (USSR) 1962, v. 4, no. 3, p. 347-353.

DESCRIPTORS: Excitation, *Epithelium, *Cells (Biology), *Tissues (Biology), *Histology, *Eye, Frogs, Biological stains, Wounds and injuries, Electric currents.

The cells of epithelial tissues respond to external stimuli (mechanical, thermal, induction current) by various morphophysiological changes. The character of these changes depends on the distance between the cell and the site of application of the agent. The range (Biological Sciences, TT, v. 10, no. 2) (over)

63-15995

I. Kamnev, I. R.
II. Gordeeva, L. F.
III. FASEB S-128-2
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

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Bochkov, N. P. and Nemtseva, L. S.
USE OF THE TECHNIQUE OF INCUBATION OF TISSUES IN VITRO TO STUDY MAMMALIAN KARYOTYPES. [1962] [8]p. 12 refs. FASEB manuscript no. S 129-2.
Order from OTS or SLA $1.10 63-15996

Trans. of Tsitologiya (USSR) 1962, v. 4, no. 3, p. 365-367.

DESCRIPTORS: *Tissues (Biology), Mammals, Colchicine, *Cytology, Culture media, *Mitosis, Genes, *Cells (Biology), Genetics.

The technique of incubation of tissues in vitro, modified for cytogenic purposes, was employed using a salt medium containing colchicine. Mitosis continued to completion in bone marrow cells which were incubated in physiological saline and in Meshkov-

(Biological Sciences--Pathology, TT, v. 10 no. 7)
(over)

63-15996

1. Title: Karyocypes
I. Bochkov, N. P.
II. Nemtseva, L. S.
III. FASEB S-129-2
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

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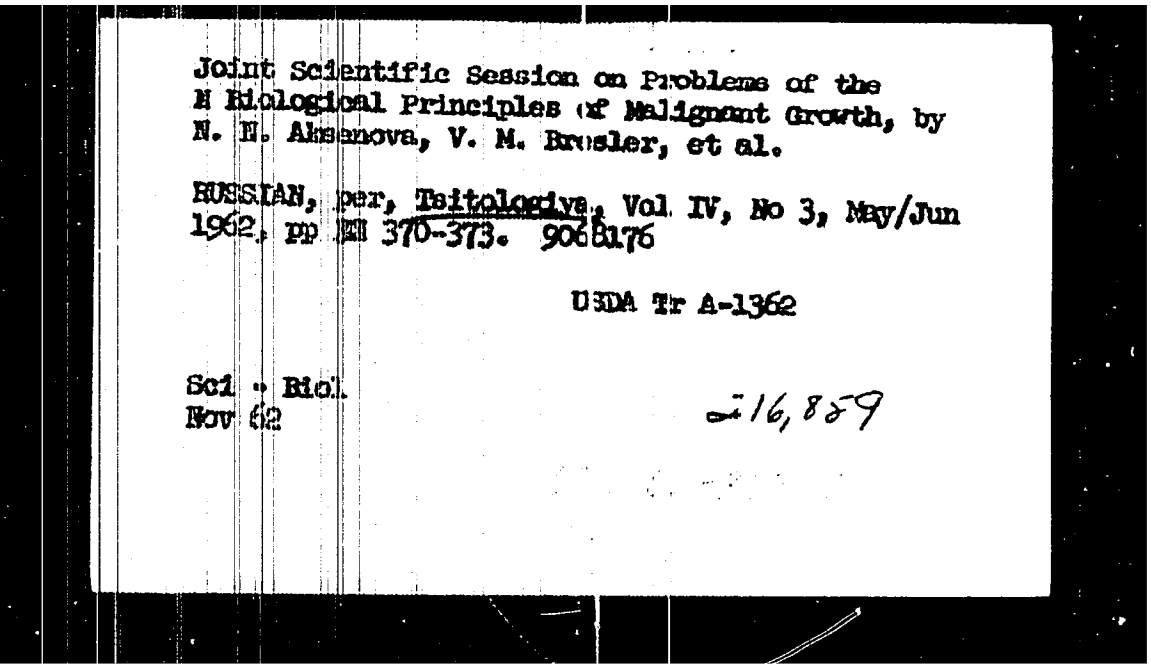

Joint Scientific Session on Problems of the
M Biological Principles of Malignant Growth, by
N. N. Aksenova, V. M. Brusler, et al.

RUSSIAN, per, Teitologiya, Vol IV, No 3, May/Jun
1962, pp [illegible] 370-373. 90681?6

USDA Tr A-1362

Sci - Biol
Nov 62

~16,859

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

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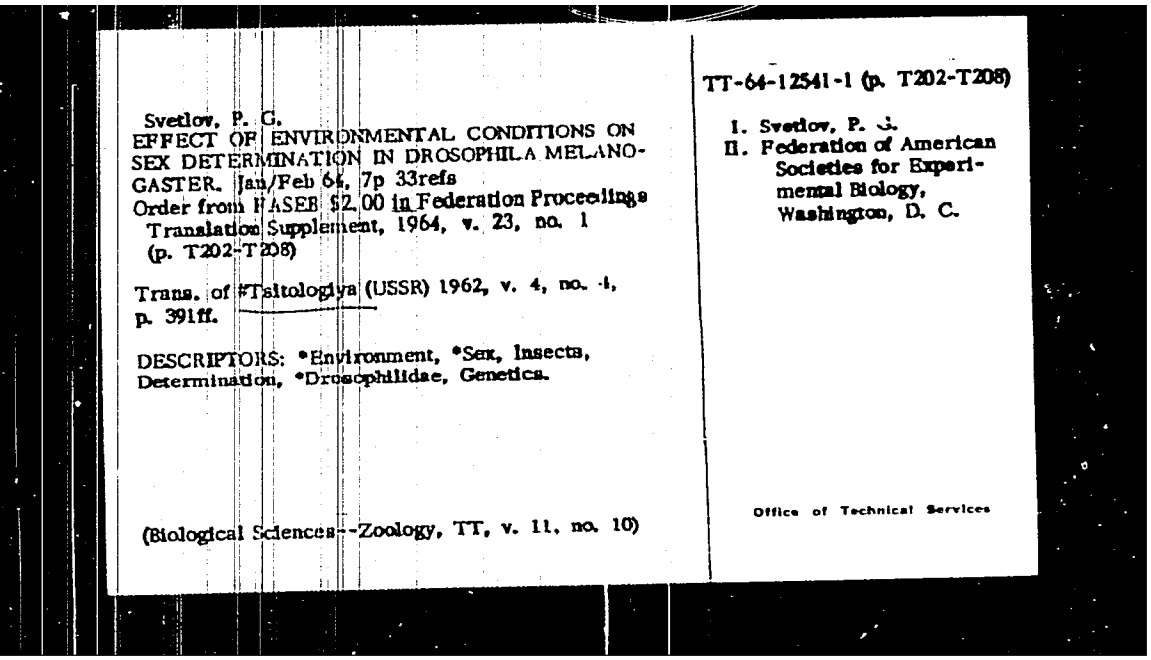

Svetlov, P. G.
EFFECT OF ENVIRONMENTAL CONDITIONS ON SEX DETERMINATION IN DROSOPHILA MELANOGASTER. Jan/Feb 64, 7p 33refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 1 (p. T202-T208)

Trans. of #Tsitologiya (USSR) 1962, v. 4, no. 4, p. 391ff.

DESCRIPTORS: *Environment, *Sex, Insects, Determination, *Drosophilidae, Genetics.

(Biological Sciences--Zoology, TT, v. 11, no. 10)

TT-64-12541-1 (p. T202-T208)

I. Svetlov, P. G.
II. Federation of American Societies for Experimental Biology, Washington, D. C.

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Nemchinskaya, V. L. and Braun, A. D.
CHANGES IN THE PROPERTIES OF ISOLATED CELL NUCLEI IN THE COURSE OF SURVIVAL AND AFTER EXPOSURE TO DIFFERENT AGENTS. [1963] [27p] 16refs FASEB manuscript no. S-121-3.
Order from OTS, SLA, or ETC $2.60 TT-64-13497

Trans. of *Tsitologiya (USSR) 1962, v. 4, no. 4, p. 409-417.

DESCRIPTORS: *Nuclei (Biology), Cells (Biology), Biophysics, *Hypothermia, Nucleic acids, *Exposure,

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13497

I. Nemchinskaya, V. L.
II. Braun, A. D.
III. FASEB-S-121-3
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

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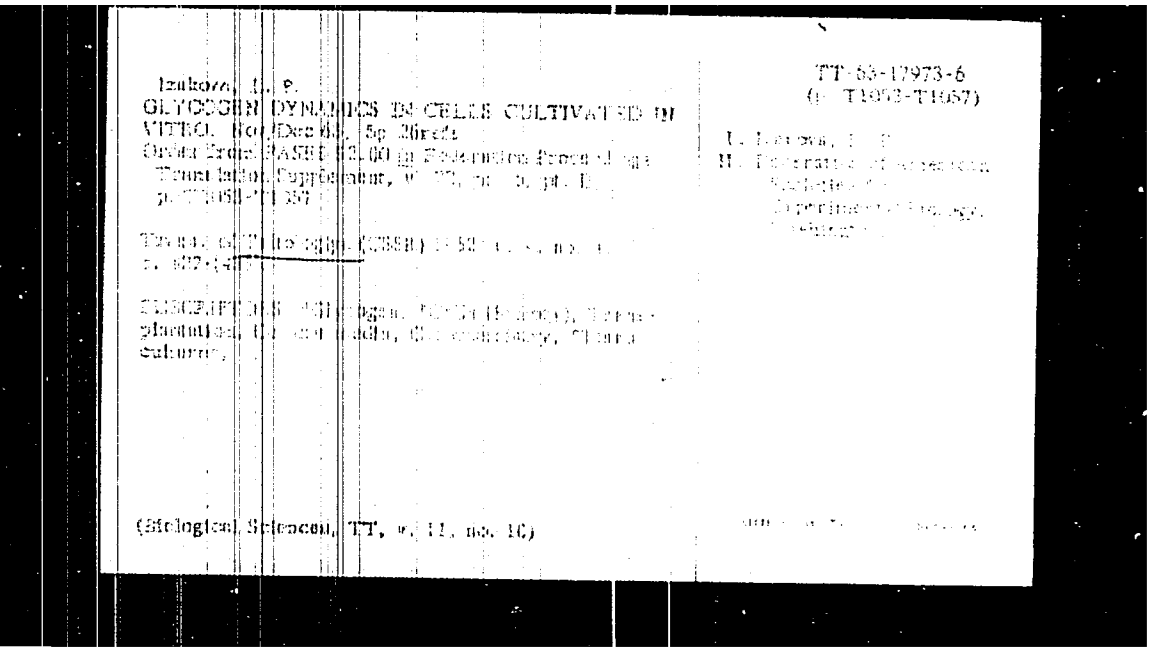

Izakova, L. P.
GLYCOGEN DYNAMICS IN CELLS CULTIVATED IN VITRO. Moscow, Dec 63, 5p 26refs
Issued by RASSR Min of Education Pedagogical Inst
Uch Zap, Supplement, No 33, pp 3, pp [illegible]
pp 57[illegible]-57[illegible]

Trans. of [illegible] (USSR) [illegible]
p. 402-[illegible]

[illegible] (Biological Sciences), Chromatin, Cytoplasm, [illegible], Cytochemistry, Tissue culture

(Biological Sciences, TT, v. 11, no. 10)

TT-63-17973-6
(TT 1953-T1957)

L. P. Izakova
M. Pedagogical Institute
Moscow
Department of Histology
Embryology

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Shapiro, E. A.
THE SORPTION PROPERTIES OF NERVE DURING DEVELOPMENT OF A PESSIMUM IN A NERVE-MUSCLE PREPARATION. [1963] [8p] 11refs
FASEB Manuscript no. S 123-3.
Order from CTS, SLA, or ETC $1.10 TT-63-24460

Trans. of Tsitologiya (USSR) 1962, v. 4, no. 4, p. 449-451. (Abstract available)

DESCRIPTORS: *Absorption (Biological), *Nerves, *Neuromuscular transmission, Biological stains, Stimulation, Electrokymography, Histological techniques.

A vital staining method was used to investigate the changes in the sorption properties of the nerve during the development of a pessimum in a nerve-muscle preparation as a result of the prolonged application of
(Biological Sciences--Physiology, TT, v. 11, no. 6)
(over)

TT-63-24460

I. Title: Pessimum
I. Shapiro, E. A.
II. FASEB-S-123-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Concerning the Hemolytic Action of Thiol Poisons, by V. V. Sokolovskiy, 10 pp.

RUSSIAN, per, Toksikologiya, No 4, 1962, pp 460-465.

JPRS 16304

Sci - Chem

Nov 62

217, 8-5

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

SYMPOSIUM ON NEUROSECRETORY ELEMENTS AND THEIR SIGNIFICANCE IN THE ORGANISM, BY A. L. POLENOV, 6 PP.

RUSSIAN, PER, TSITOLOGIYA, VOL IV, NO 4, 1962, PP 473-476.

JPRS 17947

SCI - MED

MAR 63

224,640

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

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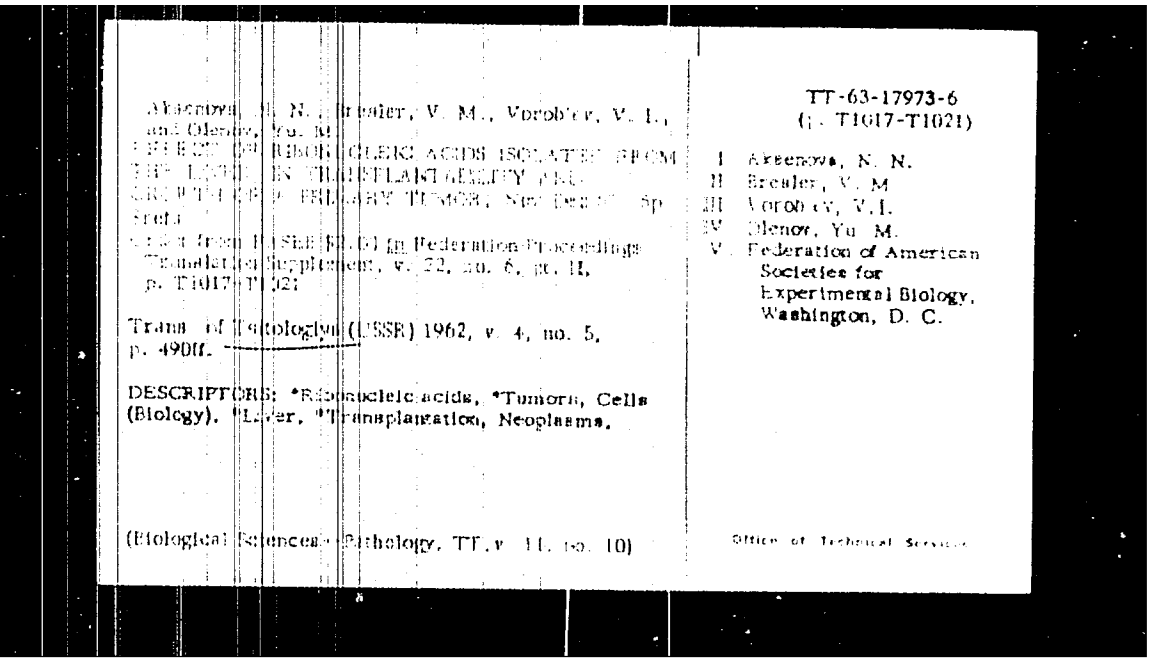

Akopova, N. N., Breuler, V. M., Vorob'ev, V. I., and Olenov, Yu. M.
EFFECT OF RIBONUCLEIC ACIDS ISOLATED FROM [illegible] ON THE [illegible] IN THE [illegible]
Sbornik trudov p. Fiziol. Im. [illegible] Sp
Extract from DSSR (R.C) in Federation Proceedings Translation Supplement, v. 22, no. 6, pt. II, p. T1017-T1021

Trans of Patologiya (USSR) 1962, v. 4, no. 5, p. 49Off.

DESCRIPTORS: *Ribonucleic acids, *Tumors, Cells (Biology), *Liver, *Transplantation, Neoplasms.

(Biological Sciences - Pathology, TT, v. 11, no. 10)

TT-63-17973-6
(p. T1017-T1021)

I Akopova, N. N.
II Breuler, V. M.
III Vorob'ev, V. I.
IV Olenov, Yu. M.
V. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Salganik, R. P., Kiknadze, I. I., Morozova, T. M., Gubenko, I. S., and Drevich, V. F.
NATURE OF PYRONINOPHIL GRANULES OF THE ISOLATED CELL NUCLEI FRACTION. Jan/Feb 64, 5p 20refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 1 (p. T23-T27)

Trans. of *Tsitologiya (USSR) 1962, v. 4, no. 5, p. 499ff.

DESCRIPTORS: *Cytochemistry, *Nuclei (Biology), Cells (Biology), Ribonucleic acids, Biological stains, Histology.

(Biological Sciences, TT, v. 11, no. 10)

TT-64-12541-1 (p. T23-T27)

I. Title: Pyroninophilia
I. Salganik, R. P.
II. Kiknadze, I. I.
III. Morozova, T. M.
IV. Gubenko, I. S.
V. Drevich, V. F.
VI. Federation of American Societies for Experimental Biology, Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Zalkind, S. Ya. and Zaslavskii, V. G.
CELL ADAPTATION TO CONDITIONS OF CULTIVATION IN VITRO. Jan/Feb 64, 6p 25refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 1 (p. T31-T36)

Trans. of *Tsitologiya (USSR) 1962, v. 4, no. 5, p. 519ff.

DESCRIPTORS: Cells (Biology), *Adaptation (Physiology), *Tissue culture, Transplantation, *Culture media.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-1 (p. T31-T3

I. Zalkind, S. Ya.
II. Zaslavskii, V. G.
III. Federation of Americ Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Sologub, M. I.
CHANGES IN THE INTRACELLULAR RESTING POTENTIAL GRADIENT IN MUSCLE FIBER IN THE COURSE OF ALTERATION. [1963] [8]p. 2 refs.
FASEB manuscript no. S166-3.
Order from: OTS or SLA $1.60 63-23834

Trans. of Tsitologiya (USSR) 1962, v. 4, no. 5, p. 530-537.

DESCRIPTORS: *Bioelectronics, *Cells (Biology), *Muscles, Tissues (Biology), Electric potential, Biophysics.

Intracellular resting potentials of the altered muscle fiber of the sartorius muscle of the grass frog were investigated by a microelectrode technique. During continuous recording of resting potentials from the same area of a fiber, changes in the potentials were
(Biological Sciences--Physiology, TT, v. 10, no. 11)
(over)

63-23834

I. Sologub, M. I.
II. FASEB S 166-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Physiological Gradients of the Ciliate Spirostomum Ambiguum, by L. N. Seravin.

RUSSIAN, [illegible], Vol IV, No 05, 1958, pp 545-554

[illegible]
NLL RES 2283

FASEB

Sci + Biol & Med Sci
Feb 64

248,279

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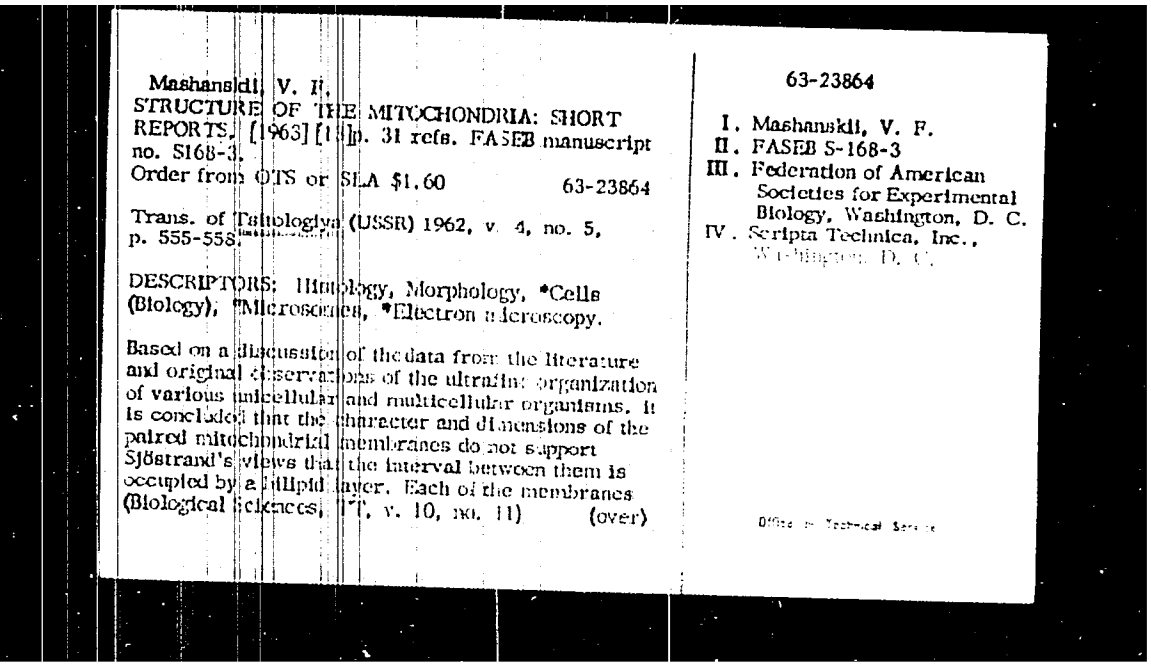

Mashanskii, V. F.
STRUCTURE OF THE MITOCHONDRIA: SHORT REPORTS. [1963] [1]p. 31 refs. FASEB manuscript no. S168-3.
Order from OTS or SLA $1.60 63-23864

Trans. of Tsitologiya (USSR) 1962, v. 4, no. 5, p. 555-558.

DESCRIPTORS: Histology, Morphology, *Cells (Biology), *Microscopes, *Electron microscopy.

Based on a discussion of the data from the literature and original observations of the ultrafine organization of various unicellular and multicellular organisms, it is concluded that the character and dimensions of the paired mitochondrial membranes do not support Sjöstrand's views that the interval between them is occupied by a lipid layer. Each of the membranes (Biological Sciences, TT, v. 10, no. 11) (over)

63-23864

I. Mashanskii, V. F.
II. FASEB S-168-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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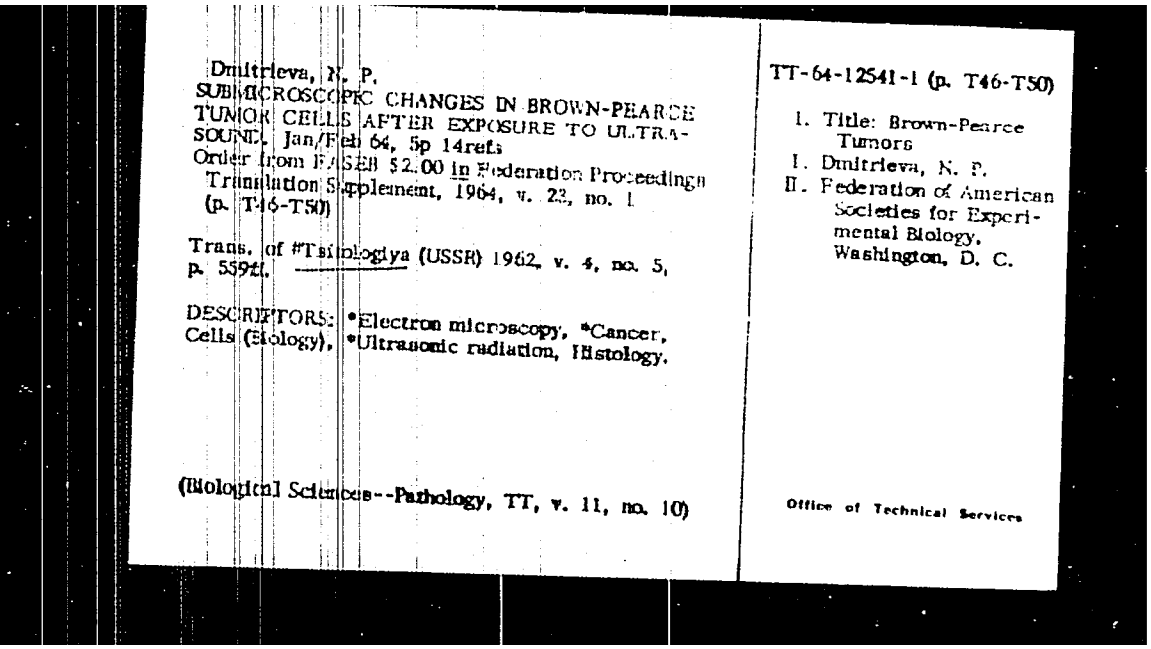

Dmitrieva, N. P.
SUBMICROSCOPIC CHANGES IN BROWN-PEARCE TUMOR CELLS AFTER EXPOSURE TO ULTRASOUND. Jan/Feb 64, 5p 14refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 1 (p. T46-T50)

Trans. of #Tsitologiya (USSR) 1962, v. 4, no. 5, p. 559ff.

DESCRIPTORS: *Electron microscopy, *Cancer, Cells (Biology), *Ultrasonic radiation, Histology.

(Biological Sciences--Pathology, TT, v. 11, no. 10)

TT-64-12541-1 (p. T46-T50)

I. Title: Brown-Pearce Tumors
I. Dmitrieva, N. P.
II. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Karmysheva, V. Ya.
POLYSACCHARIDES OF MAMMALIAN OVARIES IN NORMAL CONDITIONS AND IN ACUTE RADIATION SICKNESS. Given at the Conference on Histochemistry of Polysaccharides, Moscow, 7 May 60. [1963] [12p] 16refs. FASEB Manuscript no. : S 170-3.
Order from: OTS, SLA, or ETC $1.60 TT-63-24474

Trans. of Tsitologiya (USSR) 1962, v. 4, no. 5, p. 565-570. (Abstract available)

DESCRIPTORS: *Polysaccharides, *Ovary, Glycogen, Mammals, *Radiation sickness, Radiation effects, Histological techniques.

The ovaries of mammals contain glycogen, hyaluronic and chondroitin-sulfuric acids, and specific polysaccharides of the degenerating oocytes, macrophages and giant cells, combined with proteins and lipids. Glycogen in large amounts is found in the cytoplasm of the oocytes (Biological Sciences--Radiobiology, TT, v. 11, no. 6)
(over)

TT-63-24474

I. Karmysheva, V. Ya.
II. FASEB-S-170-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.
V. Title: Conference...

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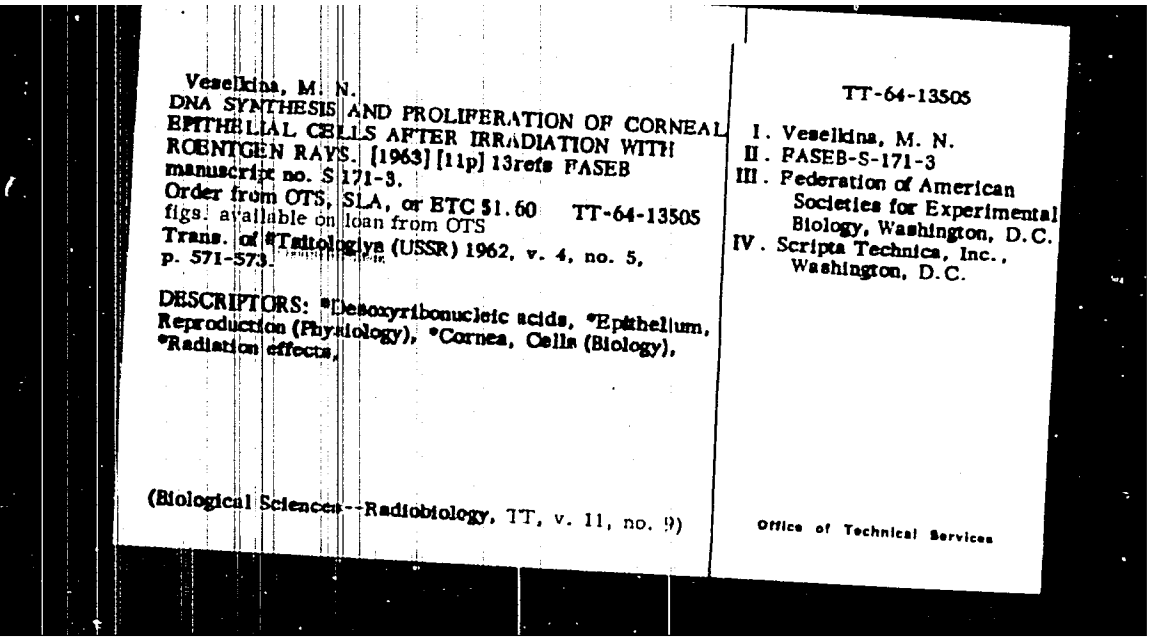

Veselkina, M. N.
DNA SYNTHESIS AND PROLIFERATION OF CORNEAL EPITHELIAL CELLS AFTER IRRADIATION WITH ROENTGEN RAYS. [1963] [11p] 13refs FASEB manuscript no. S 171-3.
Order from OTS, SLA, or BTC $1.60 TT-64-13505
figs. available on loan from OTS
Trans. of *Tsitologiya (USSR) 1962, v. 4, no. 5, p. 571-573.

DESCRIPTORS: *Deoxyribonucleic acids, *Epithelium, Reproduction (Physiology), *Cornea, Cells (Biology), *Radiation effects.

(Biological Sciences--Radiobiology, TT, v. 11, no. 9)

TT-64-13505

I. Veselkina, M. N.
II. FASEB-S-171-3
III. Federation of American Societies for Experimental Biology, Washington, D.C.
IV. Scripta Technica, Inc., Washington, D.C.

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The Mechanism of Ciliary Beat Reversal in the Infusorian# Spirostomum Ambiguum, by L. N. Serevin.

RUSSIAN, per, Tsitologiya, Vol. IV, No 6, 1962, pp 652-660.

WL HTS 2185 (Lane)

Sci - Biol & Med Sci
Feb 64

248,280

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220011-9

Ultraweak Spontaneous Luminescense of Animal Tissue, by B. N. Tarusov.
RUSSIAN, eper. Tsitologiya, Vol 4, No 6, 1962, pp 696-699.
NASA TT F-11,093

Sci-Bgl
Sept 67

342,009

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S-355/63

Urgent Problems of the Organization of Research on Cytology in the Light of the Decisions of the [illegible] November Plenum of the Central Committee CPSU, SF 2601

RUSSIAN, per, Tsitologiya, Vol V, No 1, 1963, pp 3-4.

*JPRS

Sci - Biol

Apr 63

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